AbstractValue Value [A];

For each alias M:

      Value [M] = InitialValue (M)

      Add the node corresponding to M to Q.

While Q is nonempty, do:

      Let n be an element of Q. Remove n from Q.

      If n corresponds to an alias, add the successors of n in G to Q

      If n corresponds to a statement of the form (PUT A E1), do:

            let V = Eval (E1)

            if not (LE(V, Value [A])) then

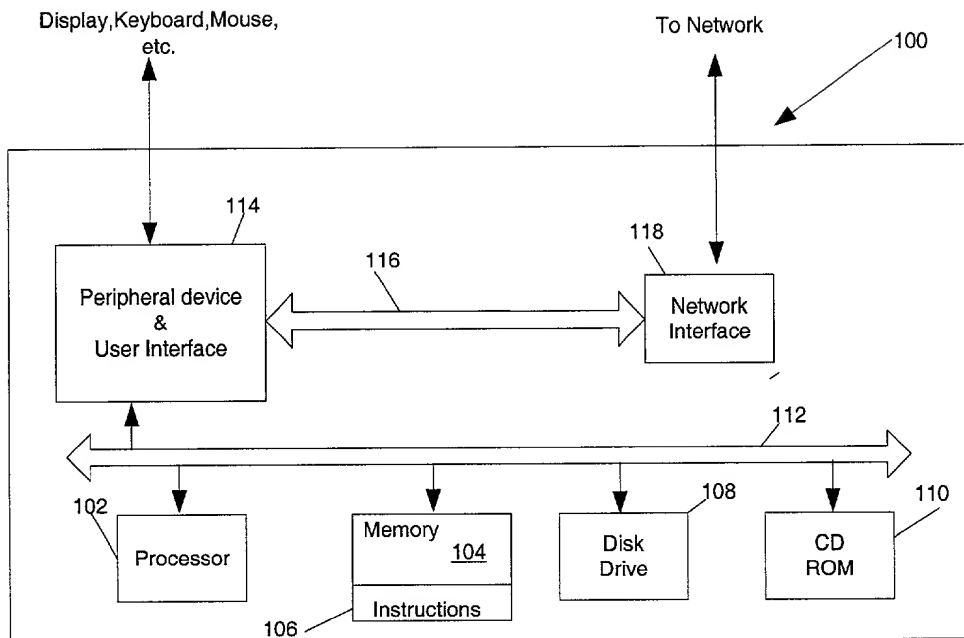   Value [A] = JOIN (Value [A], V)

                  Add A to Q

FIGURE 4

Display,Keyboard,Mouse, etc.

To Network

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118

116

Peripheral device
&
User Interface

Network
Interface

112

102

108

110

Processor

Memory
104

Disk
Drive

CD
ROM

Instructions

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FIGURE 5